

**CLAIMS**

What is claimed is:

1. A method of online purchasing and inventory distribution of materials to complete material purchasing processes between a purchaser and a materials supplier through the Internet and to distribute materials inside the purchaser, the method being comprised of:

the step of sending an order, in which an enterprise server host in the purchaser computes material demand forecast information according to the current inventory quantity and input material demand quantity stored in an inventory management system and sends a material order containing the material demand forecast information to a materials supplier;

the step of checking delivered materials, in which the content of the material order is used to verify with the items, quality and quantities of materials delivered by the materials supplier and the accepted ones are shipped to a supplier's temporary stored area in a storage and otherwise returned back to the materials supplier; and

the step of material distribution and online payment, in which the needed materials are moved from the supplier's temporary stored area to production lines and the enterprise server host makes a payment for the materials moved to the production lines to the materials supplier through an EPS (Electronic Payment System).

2. The method of claim 1, wherein the materials order is sent to a materials supplier through the Internet.

3. The method of claim 1, wherein the material order is posted onto a network trading center on the Internet to notify relevant materials suppliers.

4. The method of claim 1 further comprising the step of sending the material order in  
PO (Postal Order).

5. The method of claim 1, wherein the step of checking materials further comprises the  
step of updating inventory information to add checked and accepted material information  
5 into the inventory information in the inventory management system.

6. The method of claim 1, wherein the step of material distribution and online  
payment includes:

10 the step of retrieving materials from the supplier's temporary stored area, in  
which a material distribution system in the enterprise server host computes the  
real-time demand information according to the materials immediately needed by  
the production lines, moves the materials stored in the supplier's temporary  
stored area to the production lines and then sends out a material distribution  
completion message; and

15 the step of online payment, in which the enterprise server host makes a payment  
to the materials supplier through the EPS after receiving the material distribution  
completion message.

7. The method of claim 6 further comprising the step of selecting materials, in which a  
specific material in the supplier's temporary stored area with the earliest shipping time  
according to the shipping time record in the inventory information is selected and distributed  
20 to the production lines.